

Bombus terricola* (Yellowbanded Bumble Bee)*Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Hymenoptera* (Ants, Bees, Wasps And Sawflies)**Family:** *Apidae* (Honey Bees, Bumble Bees, And Allies)**General comments:**

13-15 modern EOs; species has declined elsewhere but continues to be found in low numbers in northern New England, including Maine; number of modern collections is far fewer than historic, suggesting declines have occurred, but statewide survey effort needed to confidently assess status

Species Conservation Range Maps for Yellowbanded Bumble Bee:Town Map: [Bombus terricola Towns.pdf](#)Subwatershed Map: [Bombus terricola HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern:***Bombus terricola* is listed as a species of Special Concern in Maine.**Recent Significant Declines:**

Yellowbanded Bumble Bee is currently undergoing steep population declines, which has already led to, or if unchecked is likely to lead to, local extinction and/or range contraction.

Notes: 13-15 modern EOs; species has declined elsewhere but continues to be found in low numbers in northern New England, including Maine; number of modern collections is far fewer than historic, suggesting declines have occurred, but statewide survey effort needed

Regional Endemic: NA**High Regional Conservation Priority: NA****High Climate Change Vulnerability: NA****Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Professional Discretion:**

Current criteria ranked *Bombus terricola* as SGCN priority 2, however, species should be SGCN priority 3 based on professional discretion.

Justification:

recent survey work by UMO has documented new EOs; species may be resurging in Maine.

Habitats Assigned to Yellowbanded Bumble Bee:

Formation Name	Boreal Upland Forest	
Macrogroup Name	Boreal Upland Forest	
Formation Name	Freshwater Marsh	
Macrogroup Name	Emergent Marsh	
Habitat System Name:	Laurentian-Acadian Freshwater Marsh and wetlands	Notes: <i>habitat generalist; close to or within wooded areas</i>
Macrogroup Name	Wet Meadow-Shrub Marsh	
Formation Name	Northeastern Upland Forest	
Macrogroup Name	Central Oak-Pine	

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No Stressors Currently Assigned to Yellowbanded Bumble Bee or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to Yellowbanded Bumble Bee:

No Species Specific Conservation Actions Currently Assigned to Yellowbanded Bumble Bee or other Priority 3 SGCN.

Conservation Actions Associated with the Bumble Bees Guild:

Conservation Action	Category: Survey and Monitoring	Biological Priority: high	Type: on-going
Conduct statewide surveys to document species diversity, distribution and relative abundance.			

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Conservation Action	Category: Research	Biological Priority: high	Type: new
Produce a statewide atlas and conservation assessment			

Stressor(s) Addressed By This Conservation Action

Lack of knowledge

Conservation Action	Category: Public Outreach	Biological Priority: moderate	Type: new
Develop and implement outreach materials to raise public awareness of native pollinator ecology, threats and conservation needs, and to encourage use of Integrated Pest Management practices.			

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.